



Regional District of Nanaimo - Water Services Department

Arbutus Water Analysis - 2010 Monthly Report



Date	Sample Location (Address)	Health Department		In-House									
		Fecal Coliform *	Total Coliform *	Fecal Coliform *	Total Coliform *	Temp. (°C)	pH	Free Chlorine Residual (mg/L)	Total Dissolved Solids (mg/L)	Salinity (%)	Conductivity (µS/cm)	Total Iron (mg/L)	Manganese (mg/L)
04-May-10	2832 Powder Pt	0	0	0	0	11	7	1.27	154	0.2	323	0.54	0.201
12-May-10	2329 Chain Way	0	0	0	0	11	7	0.08	159	0.2	335		
19-May-10	2940 Fairwinds	0	0	0	0	12	7.3	0.83	162	0.2	340		
25-May-10	2832 Powder Pt			0	0	n/a	7.5	0.41	146	0.1	319		
	Average	0	0	0	0	11.3	7.2	0.65	155.3	0.2	329.3	0.54	0.201
	Maximum	0	0	0	0	12	7.5	1.27	162	0.2	340	0.54	0.201
	Minimum	0	0	0	0	11	7	0.08	146	0.1	319	0.54	0.201

Red font indicates non-compliance with Canadian Drinking Water Guidelines

Aesthetic Objective for Iron is ≤0.3 mg/L

Aesthetic Objective for Manganese is ≤0.05mg/L

*Coliforms are measured in colony forming units (CFU) per 100 millilitres of water (CFU/100mL)

Yellow Column Coliform tests are completed by Health Department

Blue column tests are completed by RDN

Comments:

Iron and manganese are found naturally in drinking water. Levels found in these samples are not a health concern.